

Delaware

Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	3,197	453,928	35	Total R&D performance, 1995 (millions)	\$1,149	\$177,210	28
Doctoral engineers, 1995	707	86,738	32	Industry R&D, 1995 (millions)	\$1,077	\$130,332	23
S&E doctorates awarded, 1996	136	27,230	38	Academic R&D, 1996 (millions)	\$54	\$22,481	48
of which, in engineering	32%	23%		of which, in engineering	32%	16%	
in physical sciences	16%	14%		in life sciences	21%	56%	
in life sciences	13%	25%		in physical sciences	16%	10%	
S&E postdoctorates, 1996	81	37,019	41	Higher education current-fund expenditures, 1995 (millions)	\$502	\$182,602	46
in doctorate-granting institutions							
S&E graduate students, 1996	1,631	430,631	41	Number of SBIR awards, 1990-1997	115	31,155	29
in doctorate-granting institutions				Patents issued to state residents, 1997	357	61,699	32
Population, 1997 (000s)	732	271,464	47	Gross state product, 1996 (billions)	\$28.3	\$7,677.4	44
Civilian labor force, 1997 (000s)	380	137,564	47	of which, agriculture	1%	2%	
Personal income per capita, 1997	\$29,022	\$25,598	6	manufacturing, mining, construction	25%	23%	
Federal spending				transportation, communication, utilities	5%	8%	
Total expenditures, 1997 (millions)	\$3,452	\$1,405,060	50	wholesale and retail trade	10%	16%	
R&D obligations, 1996 (millions)	\$63	\$66,087	45	finance, insurance, real estate	35%	19%	
				services	14%	20%	
				government	9%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & Colleges	Other nonprofits	State & local government	State rank
Total, all agencies	63,186	6,948	0	23,233	26,245	6,461	299	45
Department of Agriculture	3,911	1,037	0	50	2,824	0	0	50
Department of Commerce	15,344	759	0	13,501	1,044	0	40	19
Department of Defense	12,800	1,874	0	5,918	5,008	0	0	43
Department of Energy	5,509	0	0	318	1,036	4,155	0	36
Dept. of Health & Human Services	6,773	0	0	1,054	5,031	688	0	47
Department of Interior	889	579	0	0	281	0	29	52
Department of Transportation	4,057	2,699	0	978	150	0	230	26
Environmental Protection Agency	1,828	0	0	520	1,308	0	0	25
Nat'l Aeronautics & Space Admin.	2,012	0	0	733	506	773	0	42
National Science Foundation	10,063	0	0	161	9,057	845	0	38
State rank	45	49	na	40	44	34	52	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable